

CLAIMS

1. A method of operating a communication system comprising a network infrastructure and a plurality of telephone terminals, the method comprising:

allocating a telephone number to each of a plurality of subscribers;

recording an identity code associated with each subscriber;

receiving data, entered via a telephone terminal, corresponding to the identity code of a subscriber; and

enabling the telephone terminal to make calls and to receive calls made to the telephone number of said subscriber.
2. A method according to claim 1 comprising entering data via a keypad of the telephone terminal.
3. A method according to claim 1 comprising entering data from a data storage token via a token reader associated with the telephone terminal.
4. A method according to claim 3 wherein the token reader is a smart card reader or inductive card reader.
5. A method according to claim 3 or claim 4 wherein the data storage token carries data including the subscriber's telephone number and identity code.
6. A method according to any one of claims 1 to 5 wherein the enabling of the telephone terminal to make calls includes the

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enabling of billing of the subscriber for calls made from the enabled telephone terminal.

7. A method according to any one of claims 1 to 6 wherein the subscriber has an account with the operator of the communications network which can be billed for calls made.
8. A method according to claim 7 wherein the account is a prepaid account.
9. A method according to claim 7 wherein the account is a credit account.
10. A method according to any one of claims 1 to 9 wherein the subscriber has a data storage token storing a credit value, the telephone terminal being operable to read the credit value from the token, to enable the telephone terminal if the credit value exceeds a predetermined value, and to reduce the credit value according to the cost of the calls made.
11. A communication system comprising:
 - a network infrastructure including a plurality of network nodes through which telephone terminals can access the network infrastructure;
 - a control center with an associated database, the database storing data corresponding to telephone numbers allocated to subscribers to the system and respective subscriber identity codes, the control center being operable, on receipt of a valid identity code, to transmit a terminal enabling signal; and

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a plurality of telephone terminals, each telephone terminal being operable to receive data corresponding to the identity code of a subscriber to the system and to transmit said data to the control center via a network node, the telephone terminal being enabled, in response to receipt of the terminal enabling signal by the respective network node, to make and receive calls via the network infrastructure.

12. A communication system according to claim 11 wherein each telephone terminal includes a token reader arranged to read data from a data storage token presented by a subscriber.
13. A communication system according to claim 12 wherein the token reader is a smart card reader or an inductive card reader.
14. A communication system according to any one of claims 11 to 13 including a billing center which monitors calls made by subscribers and charges the calls to subscribers' accounts.
15. A communication system according to any one of claims 11 to 14 wherein at least some of the terminals include a token reader/writer operable to read a credit value from a data storage token presented by a subscriber, and a processor operable to enable the telephone if the credit value exceeds a predetermined value and to cause the token reader/writer to reduce the credit value according to the cost of calls made.
16. A communication system according to claim 15 wherein the token reader is a magnetic card reader, an optical card reader, a smart card reader, or a non-contact card reader such as an inductive card reader.
17. A data storage token for use in a communication system according to any one of claims 11 to 16, the token comprising:

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a substrate;

a data storage element for storing data defining a telephone number allocated to a subscriber to the system; and

an interface operable to transfer data to a telephone terminal of the system to identify the subscriber to the system.

18. A data storage token according to claim 17 wherein the data storage element is arranged to store, in addition to data defining the subscriber's telephone number, data defining an identity code associated with the subscriber.
19. A data storage token according to claim 18 wherein the identity code takes the form of a user-selected personal identity number (PIN) or a similar security code.
20. A data storage token according to any one of claims 17 to 19 which is further arranged to store data defining user information to be transmitted to the recipient of a call made by the subscriber, to identify the subscriber to the recipient.
21. A data storage token according to claim 20 wherein the user information is determined by the subscriber.
22. A data storage token according to any one of claims 17 to 21 wherein the data storage element stores data corresponding to a credit value, the interface being operable to increase or decrease the credit value.
23. A data storage token according to any one of claims 17 to 22 comprising a smart card or an inductive data storage card.